

THE POSSIBILITIES ARE INFINITE FUITS







Fujitsu scanners & Hyland Software "Delivering Automation in the Lending Process"

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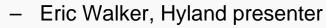
> > March 15, 2007



<u>Agenda</u>



- Introductions of Fujitsu and Hyland Software, Inc.
 - Kevin Neal, Fujitsu presenter
 - Megan Fowler, Fujitsu moderator



- Current events effecting the Lending market
- Home Mortgage Disclosure Act (HMDA) market
- Student Loan Provider case study
- Evolution of Business IT including SOA
- Loan Approval Processing efficiency example (SOA success story)
- PFU TimeStamp integration with OnBase 6.2
- Hyland corporate overview
- OnBase Lending Solution
 - Loan Processing
 - Underwriting
 - Post-Closing/Audit
- Loan Servicing
- Retrieval
- Questions and Answers



Current events effecting the Lending market



Subprime Lending ¹

 "Companies involved in the subprime mortgage market make loans to those with underwhelming credit histories. But the number of Americans now defaulting on their mortgages is climbing as home values sag and interest rates rise."



Proposed "Photo Identification Security Act"²

 "In order to open a bank account, the bill would require either a foreign or U.S. passport, a Citizenship and Immigration Services photo ID card, or a Social Security card in conjunction with a state or federal ID."

Patriot Act ³

- Request for a report on integrating automated fingerprint identification for ports of entry into the United States.
- Request for machine readable passports.

Sarbanes-Oxley ⁴

- "... response to a number of major corporate and accounting scandals including those affecting Enron, Tyco International, Peregrine Systems and WorldCom…"
- The financial reporting processes of most organizations are driven by IT systems.



"The nature and characteristics of a company's use of information technology in its information system affect the company's internal control over financial reporting."

Source: (1) http://www.forbes.com/markets/2007/02/13/subprime-update-lender-markets-equity-cx_jl_0213markets32.html

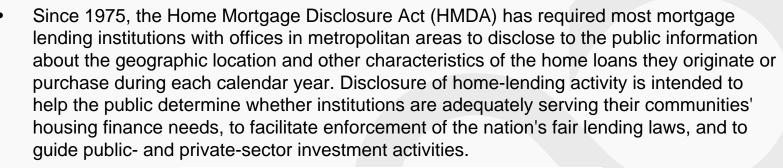
- (2) http://www.bizjournals.com/orlando/stories/2007/03/05/daily39.html?from_rss=1
- (3) http://en.wikipedia.org/wiki/Patriot_Act
- (4) http://en.wikipedia.org/wiki/Sarbanes-Oxley_Act



Home Mortgage Disclosure Act (HMDA)





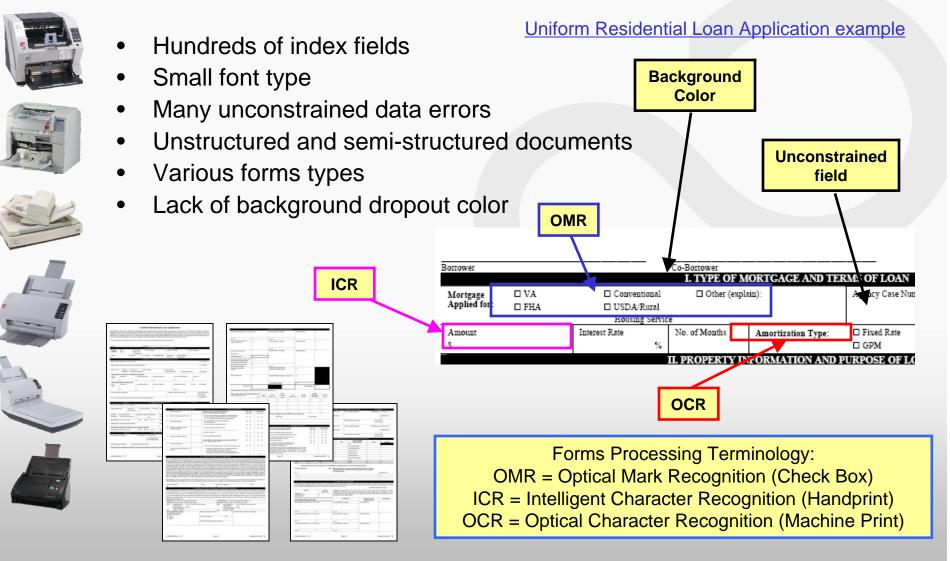




Source: http://www.federalreserve.gov/pubs/bulletin/2006/hmda/default.htm



Scanner specific considerations for Lending documents



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Student Loan Provider case study (summary)

• Leading student loan provider with a \$4 billion portfolio

Fujitsu scanner/On Base scanner specific components

Fujitsu fi-5750C 57ppm/114ipm ADF and flatbed scanners

OnBase ECM (enterprise content management) from Hyland

• \$1.5 billion in loans annually previously outsourced

OnBase Disconnected Scanning







Result

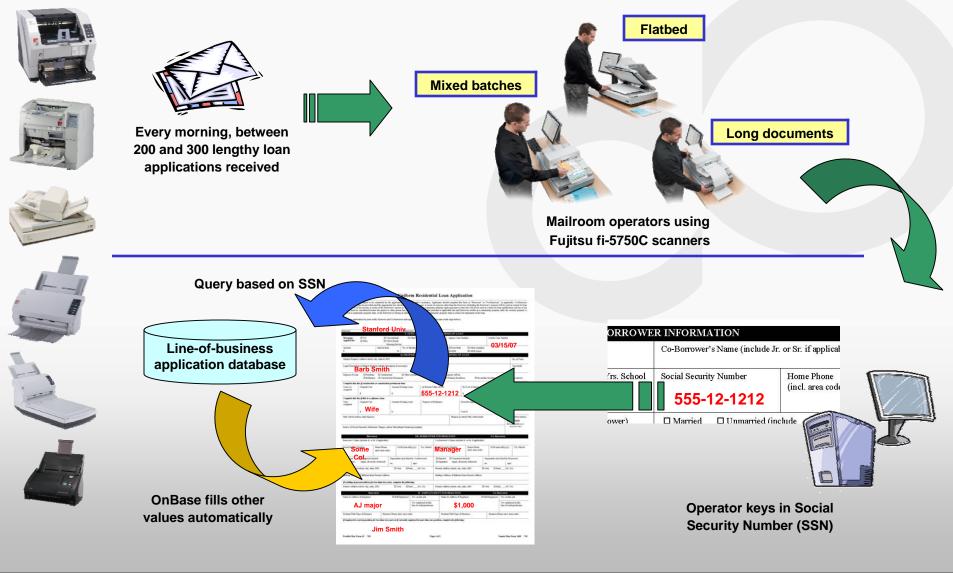
OnBase Workflow

- Met goal for processing 90%+ of 200-300 incoming applications daily
- Less manual indexing via OnBase ECM
- Enhanced Customer Service via e-mailing of images for discrepancies
- Increased loans processed per persons daily from 5-10 to 30-40
- Better supports compliance and regulatory considerations

Read more about this and other OnBase Lending Case Studies at: http://www.hyland.com/English/IndustrySolutions/Lending/CaseStudies



Student Loan Provider case study (interoperability)





Evolution of Business IT connectivity



The '80s

- Dark Ages, Pioneers of IT
- Technology limitations were not conducive to sharing information



The '90s

- Middle Ages, Foundations of IT
- A connected world emerges via file sharing, e-mail, chat and other forms of communication.

Early 20th century

- Revolution, True adoption of IT
- Real solutions created however still a bit complicated, expensive and closed architecture

Now (2007)

- The Future, Innovative solutions
- A better way to do more of the same. Planning for the future

- Most business with any sort of IT infrastructure included mainframe computer and "dumb" terminals
- Huge surge in demand for internet connections in general (AOL, MSN, PacBell, SW Bell, etc.)
- PC systems more affordable (Microsoft Windows, Linux, MacIntosh, etc.)
- Stable broadband connectivity for centralized business and remote locations (T1, T3, DSL and Cable modems)
- Connecting Legacy systems with new technology. Reusing existing IT infrastructure assets



Service Oriented Architecture (SOA)





A Service-oriented architecture (SOA) is a software architecture that uses loosely coupled software services to support the requirements of business processes and software users. Resources on a network in an SOA environment are made available as independent services that can be accessed without knowledge of their underlying platform implementation.



 Architecture is not tied to a specific technology. It may be implemented using a wide range of technologies, including REST, RPC, DCOM, CORBA or Web Services.

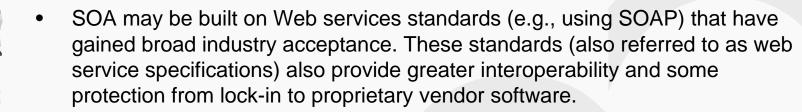


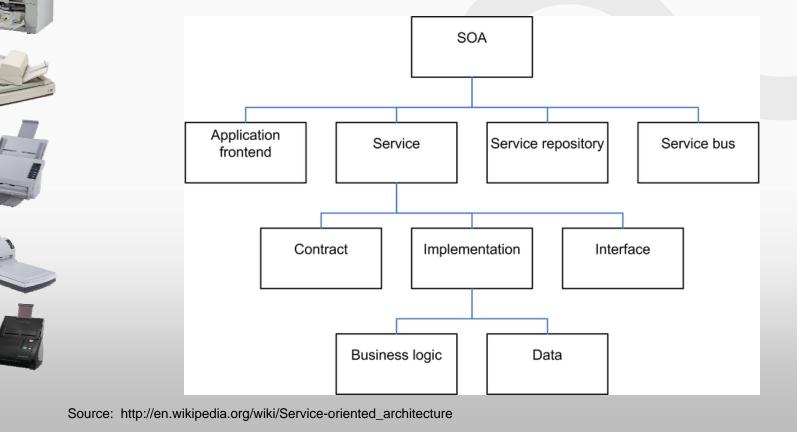
 An SOA example may be the Kofax "SOA" scanning front-end would more easily connect to a FileNet SOA system and could simultaneously connect to a Hyland SOA passing each system's images based on the document type.

Source: (1) http://en.wikipedia.org/wiki/Service-oriented_architecture (2) http://www.aiim.org/article-docrep.asp?ID=31481



The building blocks of SOA



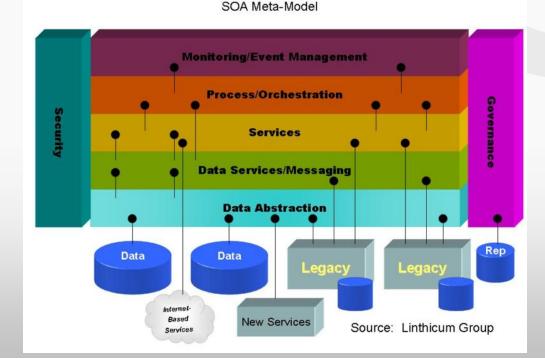




SOA and Business Architecture



One area where SOA has been gaining ground is in its power as a mechanism for defining business services and operating models and thus provide a structure for IT to deliver against the actual business requirements and adapt in a similar way to the business. The purpose of using SOA as a business mapping tool is to ensure that the services created properly represent the business view and are not just what technologists think the business services should be.



Source: http://en.wikipedia.org/wiki/Service-oriented_architecture



Major IT providers embracing SOA as the future

"Leading companies are tackling the complexity of their application and IT environments with Service-Oriented Architecture (SOA), which facilitates the development of modular business services that can be easily integrated and



- Microsoft
 - "Learn how the Microsoft Service Oriented Architecture (SOA) vision and technology can help you realize a more agile and connected enterprise by using an IT infrastructure that can help streamline business processes, increase customer responsiveness, and improve interactions with key partners."

reused—creating a truly flexible, adaptable IT infrastructure. With an SOA approach,

your IT organization will focus more resources and budget on innovation and on

"Within this area, SOMA (Service-Oriented Modelling and Architecture) was

announced by IBM as the first SOA-related methodology in 2004"

Oracle

IBM

- •

- HP
 "Companies can no longer afford to have disconnected technology and business processes that are not aligned to drive business performance, SOA is an ideal way to help customers effectively bring new products and services to market faster and increase IT governance while reducing IT complexity and costs of maintenance."

Source: http://www.microsoft.com/biztalk/solutions/soa/default.mspx, http://www.oracle.com/technologies/soa/index.html http://www.hp.com/hpinfo/newsroom/press/2005/050628c.html

delivering new business services."



Loan Approval Processing efficiency



- Randolph-Brooks
 - Large credit union headquartered in Texas, 26 locations
 - 178,000 members and \$2.5 billion in total assets
 - Fujitsu fi-5120C scanners, Kofax Document ScanServer & SOA example







Customer

Collect member ID cards, vehicle purchase orders, security agreements, etc



Corporate office

Loan specialist analyses data and processes the rest of the information



Typical loan approval took 30 minutes up to 2 hours Results Time consuming Inefficient Expensive Error prone

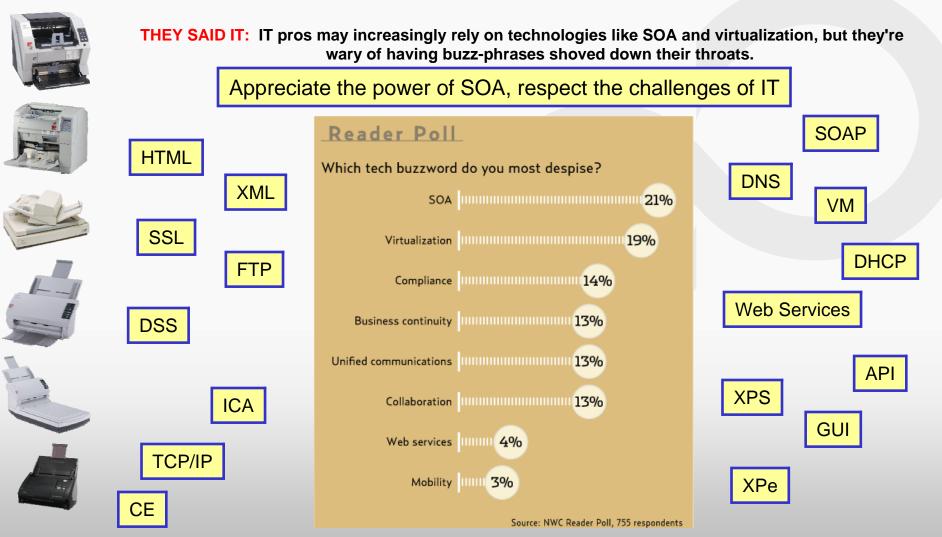
BEFORE



Source: http://www.integratedsolutionsmag.com/index.php?option=com_jambozine&layout=article&view=page&aid=5446



IT embracing SOA, not the acronym



Source: http://www.networkcomputing.com/gallery/2006/1109/1109f1poll1.jhtml;jsessionid=OAQYELJ4RFYRGQSNDLPSKH0CJUNN2JVN



TimeStamp Technology in Onbase 6.2









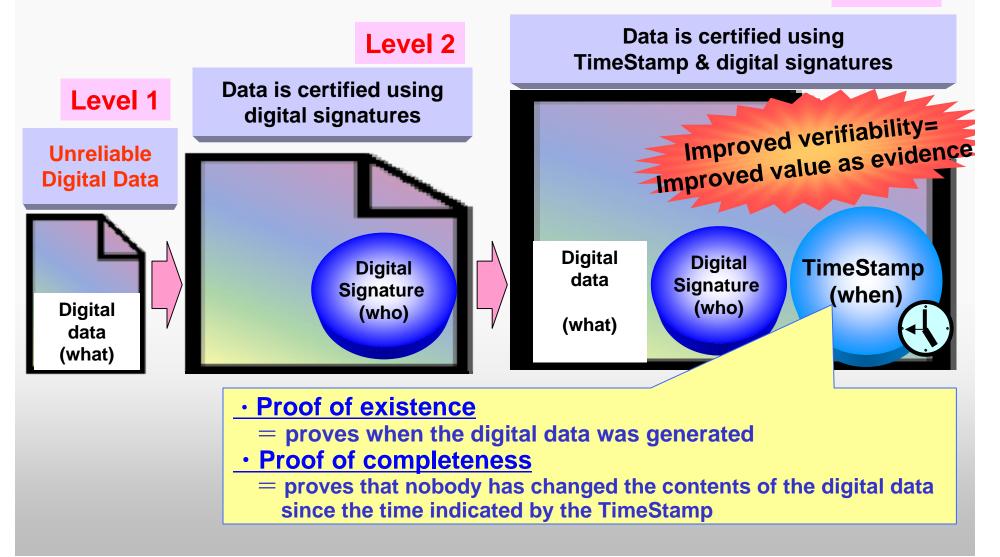
- Add-on module for a digital signature
- Gives the user the ability to put a digital post-mark on a file to prove when the data was created
 - Validated by a third party data center
- Works with any electronic file





TimeStamp Ensures that Data is Authentic

Level 3



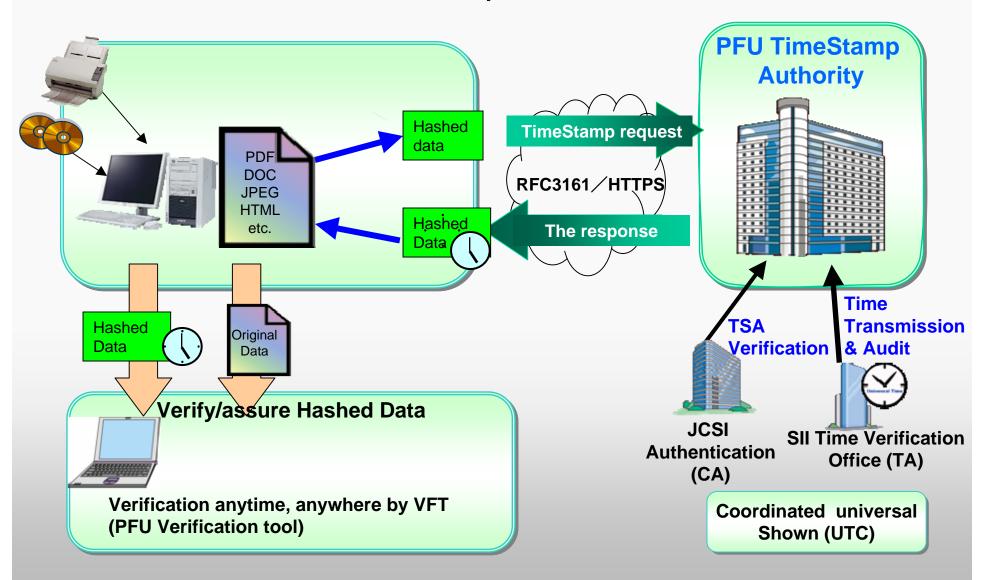
PFU TimeStamp Service Structure

FUIT

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ISU

www.fujitsu.com





TimeStamp Technology in OnBase 6.2











- Proof of existence
 - Proves when the digital data was created
- Proof of completeness
 - Proves that no one has changed the contents of the digital data since the time indicated on the time-stamp
- Higher level of evidence compared to a digital signature by itself.

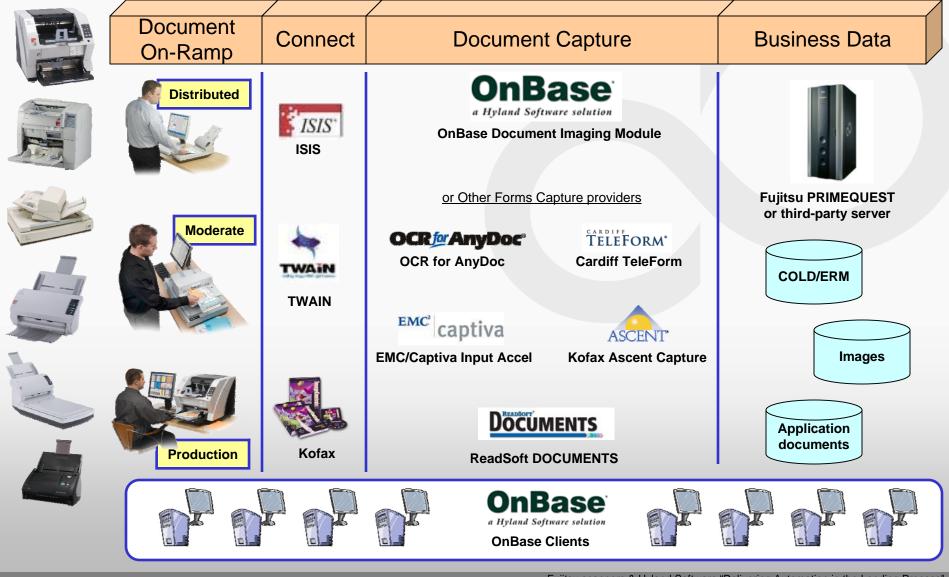


OnBase

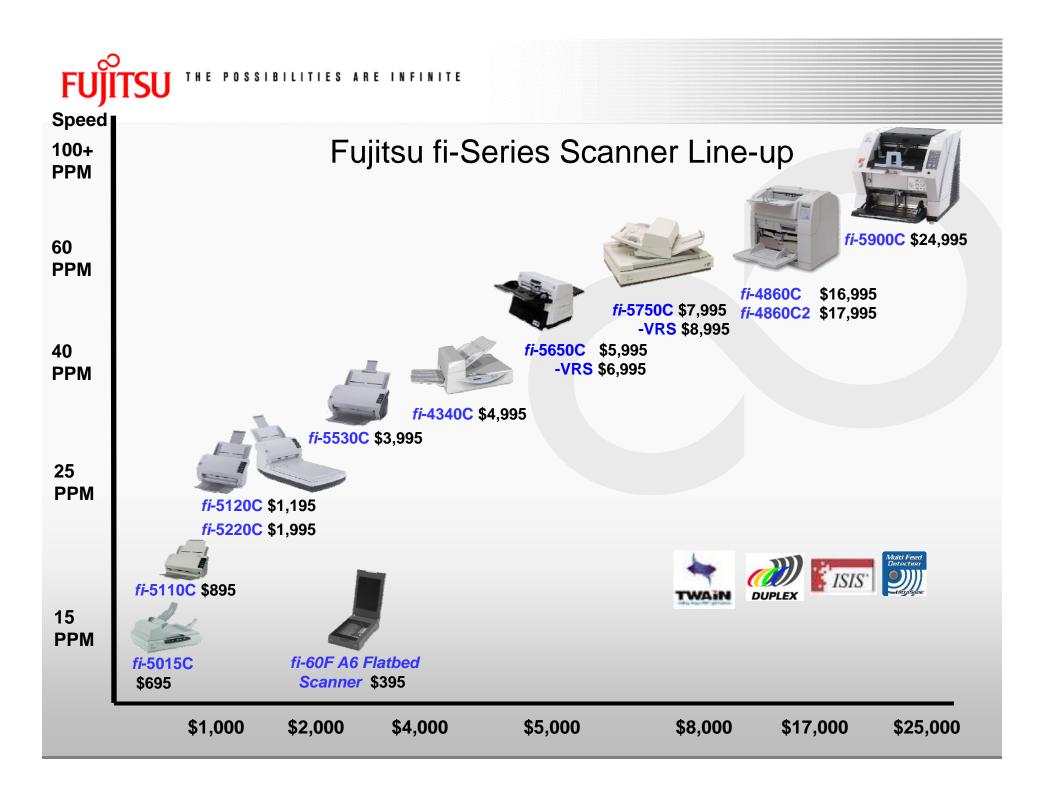
a Hyland Software solution

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Fujitsu Scanner/OnBase Document Imaging



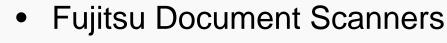
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More information





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 - Phone: 440-788-5000